

Historical Floods: Rockaway River at Boonton above Reservoir (Old Site), New Jersey

Latitude: 40.903

Flood Stage: 5 ft

Period of Record: 1937-Present

Last Flood: 11/24/2011

Longitude: -74.41

Number of Floods: 87

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
11/14/1937	5.13	1,900	Minor	C1
1/25/1938	5.15	1,900	Minor	C1
7/24/1938	5.43	2,120	Minor	C1
9/22/1938	5.55	2,260	Minor	C1
3/15/1940	5.76	2,390	Minor	C1
11/9/1947	5.01	1,790	Minor	C1
12/31/1948	6.30	3,590	Moderate	C1
11/26/1950	5.07	1,990	Minor	C1
12/8/1950	5.06	1,980	Minor	C1
3/31/1951	5.59	2,460	Minor	C1
12/21/1951	5.07	1,990	Minor	C1
3/12/1952	5.83	2,540	Minor	C1
6/2/1952	6.62	4,360	Moderate	C1
11/22/1952	5.28	2,050	Minor	C1
1/25/1953	5.10	1,890	Minor	C1
8/19/1955	5.43	2,190	Minor	C1
10/16/1955	5.15	1,940	Minor	C1
12/21/1957	5.31	2,080	Minor	C1
3/13/1962	5.07	1,860	Minor	C1
5/29/1968	6.22	3,400	Moderate	C1
4/3/1970	6.06	2,870	Moderate	C1

8/28/1971	6.28	3,550	Moderate	C1
6/1/1972	5.40	2,200	Minor	C1
6/23/1972	5.29	2,090	Minor	C1
11/9/1972	6.21	3,380	Moderate	C1
2/3/1973	6.50	4,100	Moderate	C1
12/21/1973	6.59	4,300	Moderate	C1
7/25/1975	5.43	2,230	Minor	C1
1/28/1976	5.08	1,900	Minor	C1
7/1/1976	5.75	2,550	Minor	C1
3/23/1977	6.45	3,970	Moderate	C1
11/8/1977	5.02	1,810	Minor	C1
3/27/1978	5.75	2,590	Minor	C1
1/8/1979	5.06	1,850	Minor	C1
1/25/1979	7.06	5,430	Major	C1
3/7/1979	5.14	1,920	Minor	C1
9/7/1979	5.42	2,200	Minor	C1
3/22/1980	5.81	2,670	Minor	C1
4/10/1980	5.32	2,100	Minor	C1
4/29/1980	5.14	1,920	Minor	C1
5/12/1981	5.26	2,040	Minor	C1
1/5/1982	5.00	1,780	Minor	C1

Drainage Area: 116 sq mi

Gage Datum: 364.47 ft MSL

Passaic Basin

County of Gage: Morris

County of Forecast Point: Morris

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3/19/1983	5.48	2,230	Minor	C1
3/22/1983	5.03	1,800	Minor	C1
4/16/1983	6.11	3,030	Moderate	C1
12/14/1983	5.52	2,270	Minor	C1
4/5/1984	7.23	5,590	Major	C1
5/30/1984	5.59	2,350	Minor	C1
7/7/1984	5.94	2,770	Minor	C1
4/17/1986	5.06	1,830	Minor	C1
4/5/1987	5.74	2,530	Minor	C1
5/6/1989	5.27	2,020	Minor	C1
5/17/1989	5.59	2,350	Minor	C1
10/21/1989	5.11	2,010	Minor	C1
5/17/1990	6.09	3,350	Moderate	C1
6/6/1992	5.38	2,310	Minor	C1
1/20/1996	5.20	2,110	Minor	C1
1/28/1996	5.65	2,660	Minor	C1
10/20/1996	5.92	3,070	Minor	C1
12/2/1996	5.23	2,140	Minor	C1
6/14/1998	5.33	2,720	Minor	C1
3/22/1999	5.20	2,110	Minor	C1
9/17/1999	6.26	4,270	Moderate	C1

8/13/2000	5.02	2,750	Minor	C1
1/29/2003	6.78	4,980	Moderate	C1
2/4/2003	6.33	5,914	Moderate	C1
3/29/2005	5.47	2,530	Minor	C1
4/3/2005	6.33	3,640	Moderate	C1
10/9/2005	6.10	3,320	Moderate	C1
4/16/2007	6.69	4,170	Moderate	C1
2/14/2008	5.46	2,510	Minor	C1
3/9/2008	5.41	2,460	Minor	C1
12/12/2008	5.42	2,470	Minor	C1
12/27/2009	5.13	2,140	Minor	C1
1/26/2010	5.14	2,160	Minor	C1
3/14/2010	6.81	4,350	Moderate	C1
3/23/2010	5.38	2,420	Minor	C1
3/31/2010	5.53	2,600	Minor	C1
10/1/2010	5.33	2,370	minor	C1
3/7/2011	6.32	3,620	Moderate	C1
3/11/2011	7.03	4,700	Major	C1
4/17/2011	6.23	3,500	Moderate	C1
5/19/2011	5.51	2,570	Minor	C1
8/28/2011	9.31	8,210	Major	C1

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9/7/2011	5.13	2,140	Minor	C1
9/8/2011	5.49	2,550	Minor	C1
11/24/2011	5.09	1,420	Minor	C1

-9999 signifies missing data

MARFC Codes

Code	Description
C1	Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information.
C2	Crest information looks reliable despite potential problems. This data was used in frequency calculations.
C3	Crest height estimated by the USGS.
C4	Crest height is from the National Weather Service.
C5	Crest height affected by backwater.
C6	Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations.
C7	Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects. Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information.
C8	Crest date (day) in the month is unknown.
C9	Flow is an estimate.
F1	Flow affected by regulation or diversion and in some cases to an unknown degree.
F2	Flow effected by snow-melt, ice jam or debris jam break up.
F3	Flow affected by dam failure.
F4	Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.
F5	Gage height at a different site and/or datum.
G1	Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations.
G2	Gage datum changed during this year.

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